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- encephalomyelitis, toxic encephalomyelitis (forage poisoning), infectious anemia (swamp fever), dourine, acute influenza, generalized osteoporosis, glanders (farcy), acute inflammatory lameness, extensive fistula, and unhealed vaccine lesions.
- 311.11 Neoplasms.
- 311.12 Epithelioma of the eye.
- 311.13 Pigmentary conditions; melanosis, xanthosis, ochronosis, etc.
- 311.14 Abrasions, bruises, abscesses, pus, etc.
- 311.15 Brucellosis.
- 311.16 Carcasses so infected that consumption of the meat may cause food poisoning.
- 311.17 Necrobacillosis, pyemia, and septicemia.
- 311.18 Caseous lymphadenitis.
- 311.19 Icterus.
- 311.20 Sexual odor of swine.
- 311.21 Mange or scab.
- 311.22 Hogs affected with urticaria, tinea tonsurans, demodex folliculorum, or erythema.
- 311.23 Tapeworm cysts (*cysticercus bovis*) in cattle.
- 311.24 Hogs affected with tapeworm cysts.
- 311.25 Parasites not transmissible to man; tapeworm cysts in sheep; hydatid cysts; flukes; gid bladder-worms.
- 311.26 Emaciation.
- 311.27 Injured animals slaughtered at unusual hours.
- 311.28 Carcasses of young calves, pigs, kids, lambs, and foals.
- 311.29 Unborn and stillborn animals.
- 311.30 Livestock suffocated and hogs scalded alive.
- 311.31 Livers affected with carotenosis; livers designated as "telangiectatic," "sawdust," or "spotted."
- 311.32 Vesicular diseases.
- 311.33 Listeriosis.
- 311.34 Anemia.
- 311.35 Muscular inflammation, degeneration, or infiltration.
- 311.36 Coccidioid granuloma.
- 311.37 Odors, foreign and urine.
- 311.38 Meat and meat byproducts from livestock which have been exposed to radiation.
- 311.39 Biological residues.

AUTHORITY: 21 U.S.C. 601-695; 7 CFR 2.17, 2.55.

SOURCE: 35 FR 15569, Oct. 3, 1970, unless otherwise noted.

§311.1 Disposal of diseased or otherwise adulterated carcasses and parts; general.

(a) The carcasses or parts of carcasses of all animals slaughtered at an official establishment and found at the

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time of slaughter or at any subsequent inspection to be affected with any of the diseases or conditions named in this part shall be disposed of according to the section pertaining to the disease or condition: *Provided*, That no product shall be passed for human food under any such section unless it is found to be otherwise not adulterated. Products passed for cooking or refrigeration under this part must be so handled at the official establishment where they are initially prepared unless they are moved to another official establishment for such handling or in the case of products passed for refrigeration are moved for such refrigeration to a freezing facility approved by the Administrator in specific cases: *Provided*, That when so moved the products are shipped in containers sealed in accordance with §318.10(c) of this subchapter or in a sealed means of conveyance as provided in §325.7 of this subchapter. Owing to the fact that it is impracticable to formulate rules covering every case and to designate at just what stage a disease process or a condition results in adulteration of a product, the decision as to the disposal of all carcasses, organs, or other parts not specifically covered in this part shall be left to the veterinary medical officer. The veterinary medical officer shall exercise his judgment regarding the disposition of all carcasses or parts of carcasses under this part in a manner which will insure that only wholesome, unadulterated product is passed for human food.

(b) In cases of doubt as to a condition, a disease, or the cause of a condition, or to confirm a diagnosis, representative specimens of the affected tissues, properly prepared and packaged, shall be sent for examination to one of the laboratories of the Biological Control Section of the Program.

§311.2 Tuberculosis.

The following principles shall apply to the disposition of carcasses of livestock based on the difference in the pathogenesis of tuberculosis in swine, cattle, sheep, goats, and equines.

(a) *Carcasses condemned.* The entire carcass of swine, cattle, sheep, goats, and equines shall be condemned if any of the following conditions occur:

(1) When the lesions of tuberculosis are generalized (tuberculosis is considered to be generalized when the lesions are distributed in a manner made possible only by entry of the bacilli into the systemic circulation);

(2) When on ante mortem inspection the animal is observed to have a fever found to be associated with an active tuberculosis lesion on post mortem inspection;

(3) When there is an associated cachexia;

(4) When a tuberculosis lesion is found in any muscle or intermuscular tissue, or bone, or joint, or abdominal organ (excluding the gastrointestinal tract) or in any lymph node as a result of draining a muscle, bone, joint, or abdominal organ (excluding the gastrointestinal tract);

(5) When the lesions are extensive in tissues of either the thoracic or the abdominal cavity;

(6) When the lesions are multiple, acute, and actively progressive; or

(7) When the character or extent of the lesions otherwise is not indicative of a localized condition.

(b) *Organs or other parts condemned.* An organ or other part of a swine, cattle, sheep, goat, or equine carcass affected by localized tuberculosis shall be condemned when it contains lesions of tuberculosis or when the corresponding lymph node contains lesions of tuberculosis.

(c) *Carcasses of cattle passed without restriction for human food.* Carcasses of cattle may be passed without restriction for human food only when the carcass of an animal not identified as a reactor to a tuberculin test administered by an Animal and Plant Health Inspection Service, State, or accredited veterinarian¹ is found free of tuberculosis lesions during postmortem inspection.

(d) *Portions of carcasses and carcasses of cattle passed for cooking.* (1) When a cattle carcass reveals a tuberculosis lesion or lesions not so severe or so numerous as the lesions described in paragraph (a) of this section, the unaffected portion of the carcass may be passed for cooking in accordance with

part 315 of this chapter; if the character and extent of the lesions indicate a localized condition, and if the lesions are calcified or encapsulated, and provided the affected organ or other part is condemned.

(2) When the carcass of a cattle identified as a reactor to a tuberculin test administered by an Animal and Plant Health Inspection Service, State or accredited veterinarian is found free of lesions of tuberculosis, the carcass may be passed for cooking in accordance with part 315 of this chapter.

(e) *Portions of carcasses and carcasses of swine passed without restriction for human food.* Swine carcasses found free of tuberculosis lesions during post mortem inspection may be passed for human food without restriction. When tuberculosis lesions in any swine carcass are localized and confined to one primary seat of infection, such as the cervical lymph nodes, the mesenteric lymph nodes, or the mediastinal lymph nodes, the unaffected portion of the carcass may be passed for human food without restriction after the affected organ or other part is condemned.

(f) *Portions of carcasses of swine passed for cooking.* When the carcass of any swine reveals lesions more severe or more numerous than those described in paragraph (e) of this section, but not so severe or so numerous as the lesions described in paragraph (a) of this section, the unaffected portions of such carcass may be passed for cooking in accordance with part 315 of this chapter; if the character and extent of the lesions indicate a localized condition, and if the lesions are calcified or encapsulated, and provided the affected organ or other part is condemned.

(g) *Carcasses of sheep, goats, and equines passed without restriction for human food.* Carcasses of sheep, goats, and equines may be passed without restriction for human food only if found free of tuberculosis lesions during post mortem inspection.

(h) *Portions of carcasses of sheep, goats, and equines passed for cooking.* If a carcass of any sheep, goat, or equine reveals a tuberculosis lesion or lesions that are not so severe or so numerous as the lesions described in paragraph (a) of this section, the unaffected portion of the carcass may be passed for

¹Such testing is conducted in the tuberculosis eradication program of the Animal and Plant Health Inspection Service, U.S. Department of Agriculture.

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cooking in accordance with part 315 of this chapter; if the character and extent of the lesions indicate a localized condition, and if the lesions are calcified or encapsulated, and provided the affected organ or other part is condemned.

[37 FR 2661, Feb. 4, 1972; 38 FR 29214, Oct. 23, 1973]

§311.3 Hog cholera.

(a) The carcasses of all hogs affected with hog cholera shall be condemned.

(b) Inconclusive but suspicious symptoms of hog cholera observed during the ante-mortem inspection of a U.S. suspect shall be duly considered in connection with post-mortem findings and when the carcass of such a suspect shows lesions in the kidneys and the lymph nodes which resemble lesions of hog cholera, they shall be regarded as those of hog cholera and the carcass shall be condemned.

(c) When lesions resembling those of hog cholera occur in kidneys and lymph nodes of carcasses of hogs which appeared normal on ante-mortem inspection, further inspection of such carcasses shall be made for corroborative lesions. If on such further inspection, characteristic lesions of hog cholera are found in some organ or tissue in addition to those in the kidneys or in the lymph nodes or in both, then all lesions shall be regarded as those of hog cholera and the carcass shall be condemned. Immediate notification shall be given by the inspector to the official in the Veterinary Services unit of the Animal and Plant Health Inspection Service who has responsibility for control of swine diseases in the State where the swine are located.

[35 FR 15569, Oct. 3, 1970, as amended at 40 FR 27225, June 27, 1975]

§311.5 Swine erysipelas.

Carcasses affected with swine erysipelas which is acute or generalized, or which show systemic change, shall be condemned.

§311.6 Diamond-skin disease.

Carcasses of hogs affected with diamond-skin disease when localized and not associated with systemic change may be passed for human food after re-

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moval and condemnation of the affected parts, provided such carcasses are otherwise healthy.

§311.7 Arthritis.

(a) Carcasses affected with arthritis which is localized and not associated with systemic change may be passed for human food after removal and condemnation of all affected parts. Affected joints with corresponding lymph nodes shall be removed and condemned. In order to avoid contamination of the meat which is passed, a joint capsule shall not be opened until after the affected joint is removed.

(b) Carcasses affected with arthritis shall be condemned when there is evidence of systemic involvement.

§311.8 Cattle carcasses affected with anasarca or generalized edema.

(a) Carcasses of cattle found on post-mortem inspection to be affected with anasarca in advanced stages and characterized by an extensive or well-marked generalized edema shall be condemned.

(b) Carcasses of cattle, including their detached organs and other parts, found on post-mortem inspection to be affected with anasarca to a lesser extent than as described in paragraph (a) of this section may be passed for human food after removal and condemnation of the affected tissues, provided the lesion is localized.

§311.9 Actinomycosis and actinobacillosis.

(a) The definition of generalization as outlined for tuberculosis in §311.2(a) shall apply for actinomycosis and actinobacillosis, and carcasses of livestock with generalized lesions of either such disease shall be condemned.

(b) Carcasses of livestock in a well-nourished condition showing uncomplicated localized lesions of actinomycosis or actinobacillosis may be passed for human food after the infected organs or other infected parts have been removed and condemned, except as provided in paragraphs (c) and (d) of this section.

(c) Heads affected with actinomycosis or actinobacillosis, including the tongue, shall be condemned, except that when the disease of the jaw is